

ABSTRACT

A control device (30) generates, upon receiving an instruction to start engine (ENG) while drive wheels of a hybrid vehicle are driven by a motor generator (MG2), a
5 signal (PWM_C) to output the signal to a voltage step-up converter (12), and thereby drives and controls the voltage step-up converter (12) to step up a DC voltage (V_b) that is output from a battery (B) to a maximum voltage (V_{max}) of a motor drive apparatus (100). Then, the control device (30) generates, when an output voltage (V_m) of the voltage step-up converter (12) reaches the maximum voltage (V_{max}), a signal
10 (PWM_{I1}) to output the generated signal to an inverter (14). Accordingly, the inverter (14) is driven and controlled to drive motor generator (MG1) in powering mode.